Fish and Floods – where trackhoes hit the mud in the Stillaguamish estuary

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Puget Sound
Iconic wildlife
Natural Abundance
Threatened
Human Population in the Puget Sound Region

Growth of the Region’s Urban Footprint

Source: Urban Ecology Research Lab, University of Washington. Note: Footprint is depicted by parcel boundaries containing development.

1940 - 1 million

2010 - 4.4 million
Puget Sound Estuaries

- 83% of Estuarine wetlands lost across the Sound.
- Goal of 15% of degraded estuarine wetlands restored by 2020
Heritage
Hydrodynamic Model $\rightarrow$ Restoration
January 7, 2009 Flood

THE WORST FLOODING WILL OCCUR ON THE UPPER SKAGIT ...
STILLAGUAMISH...SKYKOMISH...SNOQUALMIE...TOLT...AND SNOHOMISH RIVERS
- US Weather Service Notice January 6, 2009
Emergency Flood Release Structure
Construction Schedule

- **September 2011** - Project to Bid
- **Jan-May 2012** – Site de-watering
- **June-September 2012** – levee construction
- **July 2012** – Emergency flood structure construction
Heritage
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Birds take flight at Port Susan Bay Preserve, Washington.

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